

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : RICOH CO LTD

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(72)Inventor : OHIRA HIROTAKE

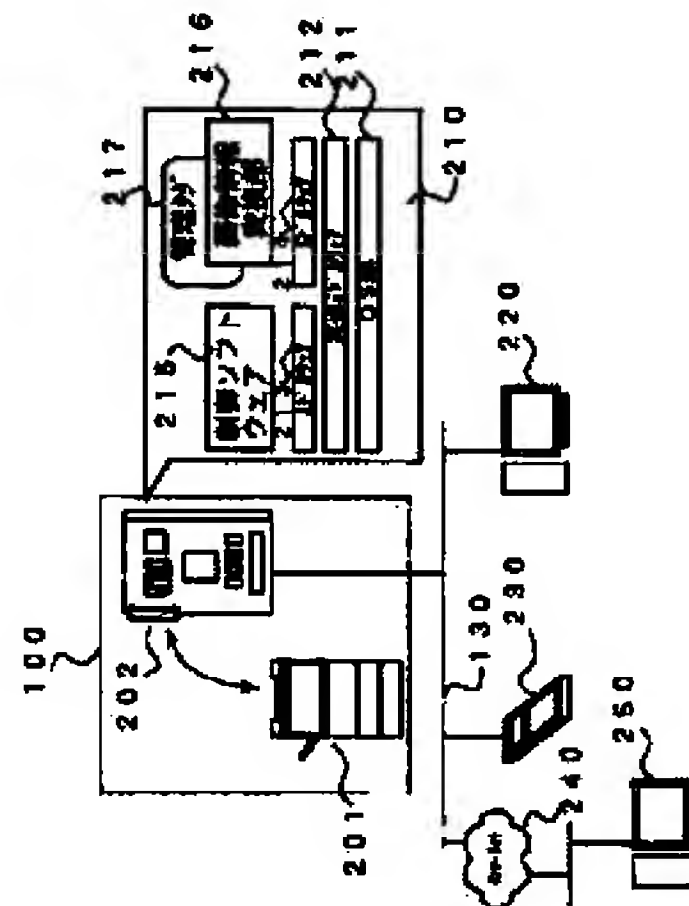
(54) IMAGE INFORMATION CONVERSION PROCESSING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an image information conversion processing system capable of acquiring utilization information safely and accurately, and coping with a conversion procedure change, by operating an image information conversion part independently in a program unit.

SOLUTION: An image information processing controller body 202 controls the operation of the image information conversion part 216 in the program unit based on a control tag 217, to thereby enable an image information conversion operation by utilizing the program efficiently. At the time of utilizing the program, accounting data corresponding to a version in each program unit and corresponding validity information are stored in an accounting information storage circuit 402 as a pair. Read accounting counter value data are enciphered based on private key data 412b and a one-way function 413b, and the validity information in a validity information memory 322 is compared with the accounting counter value data in an accounting information memory 321 enciphered based on the one-way function 413b by a

comparison circuit 433, to thereby execute normality determination thereof. Hereby, replacement or alteration of a software can be detected and removed, and highly accurate accounting management based on the correct accounting counter value data can be executed.

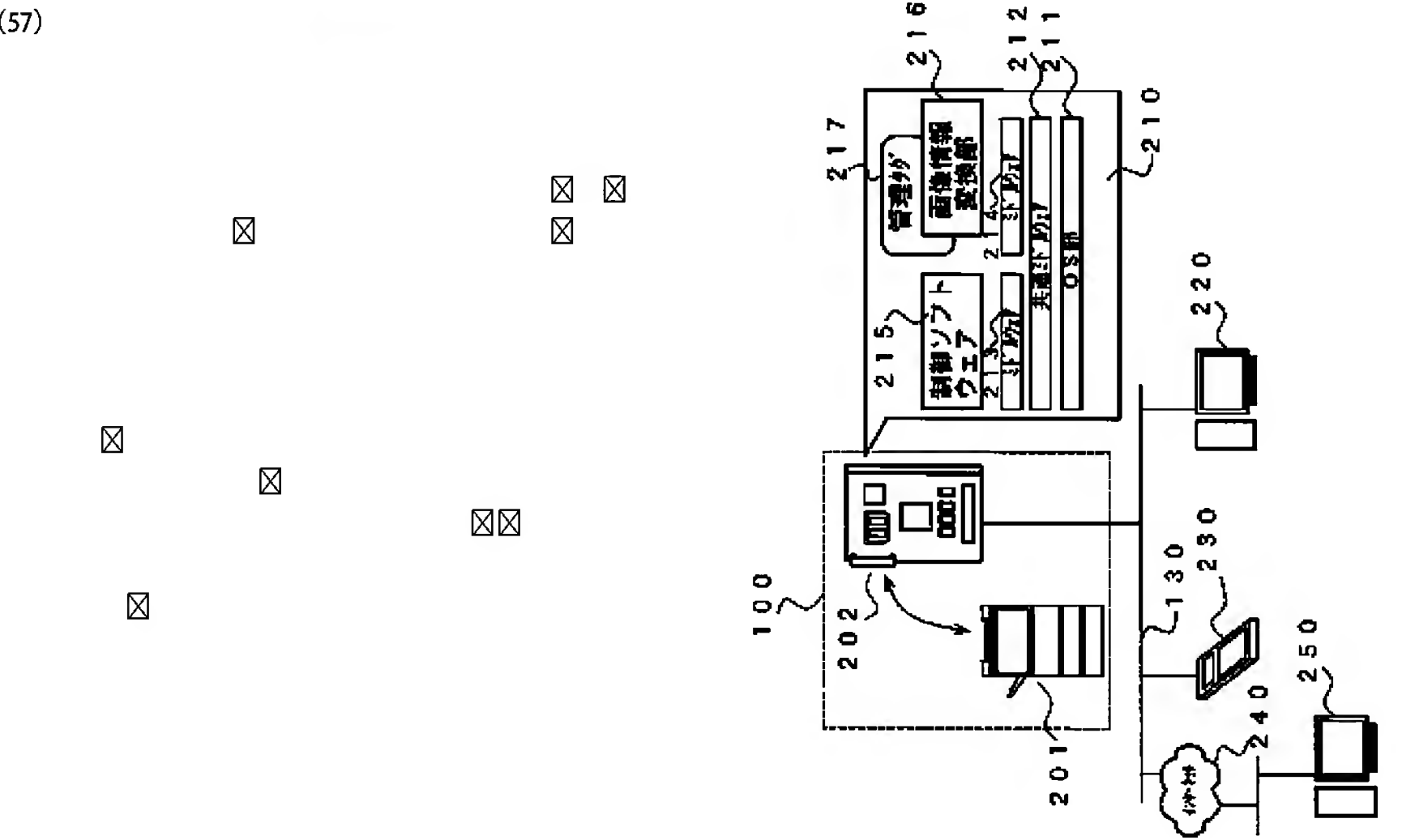


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G 0 6 F 3/12 17/60	3 0 2 3 3 2 5 1 2 Z E C	G 0 6 F 3/12 17/60	C 5 B 0 2 1 3 0 2 E 5 C 0 6 2 3 3 2 5 C 0 6 4 5 1 2 5 C 0 7 5 Z E C 5 J 1 0 4
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(21)出願番号	特願2001-336416(P2001-336416)	(71)出願人 000006747 株式会社リコー 東京都大田区中馬込1丁目3番6号
(22)出願日	平成13年11月 1 日 (2001. 11. 1)	(72)発明者 大平 浩貴 東京都大田区中馬込1丁目3番6号 株式 会社リコー内
		最終頁に続く

(54) 【発明の名称】 画像情報変換処理システム

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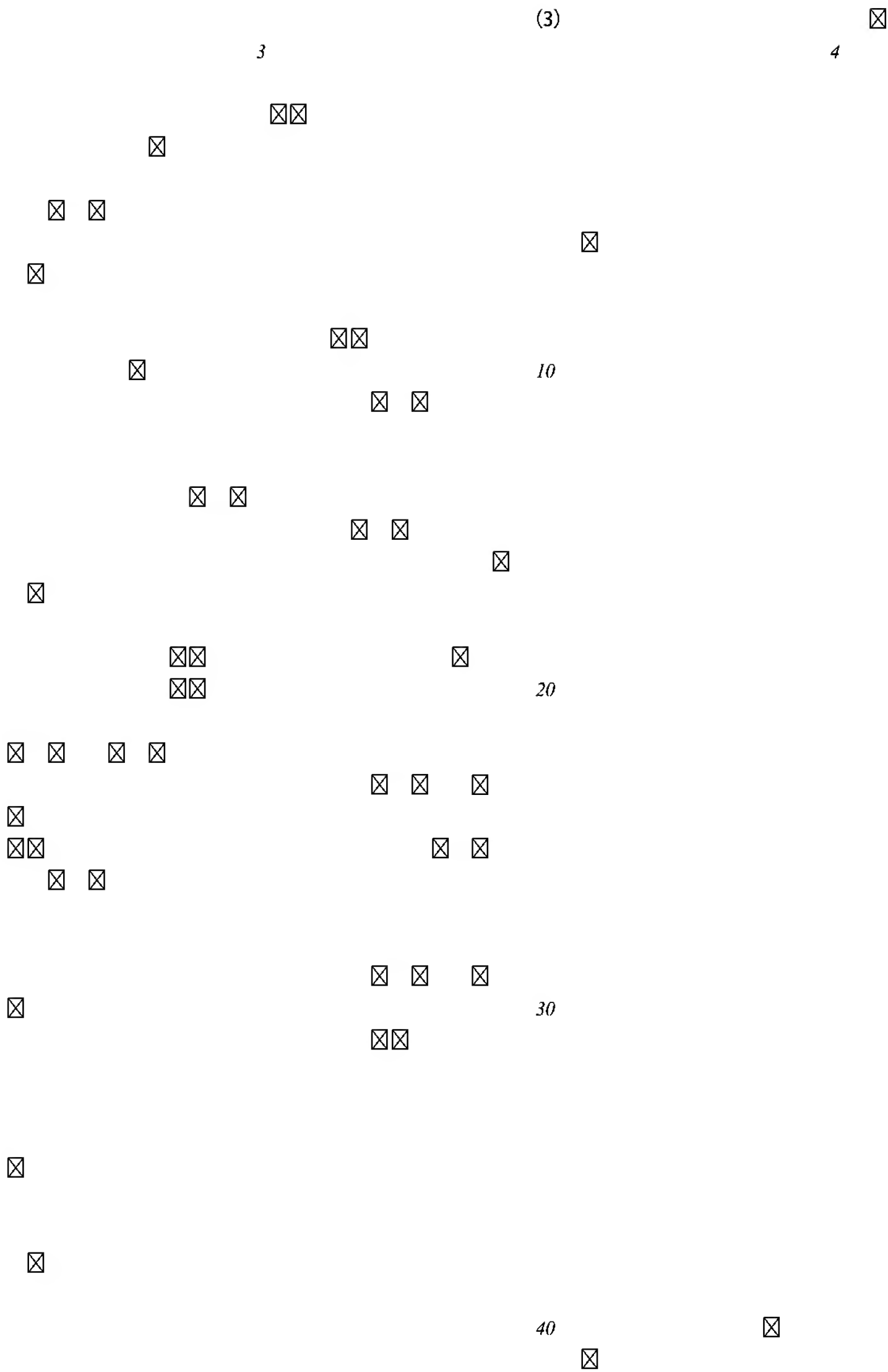


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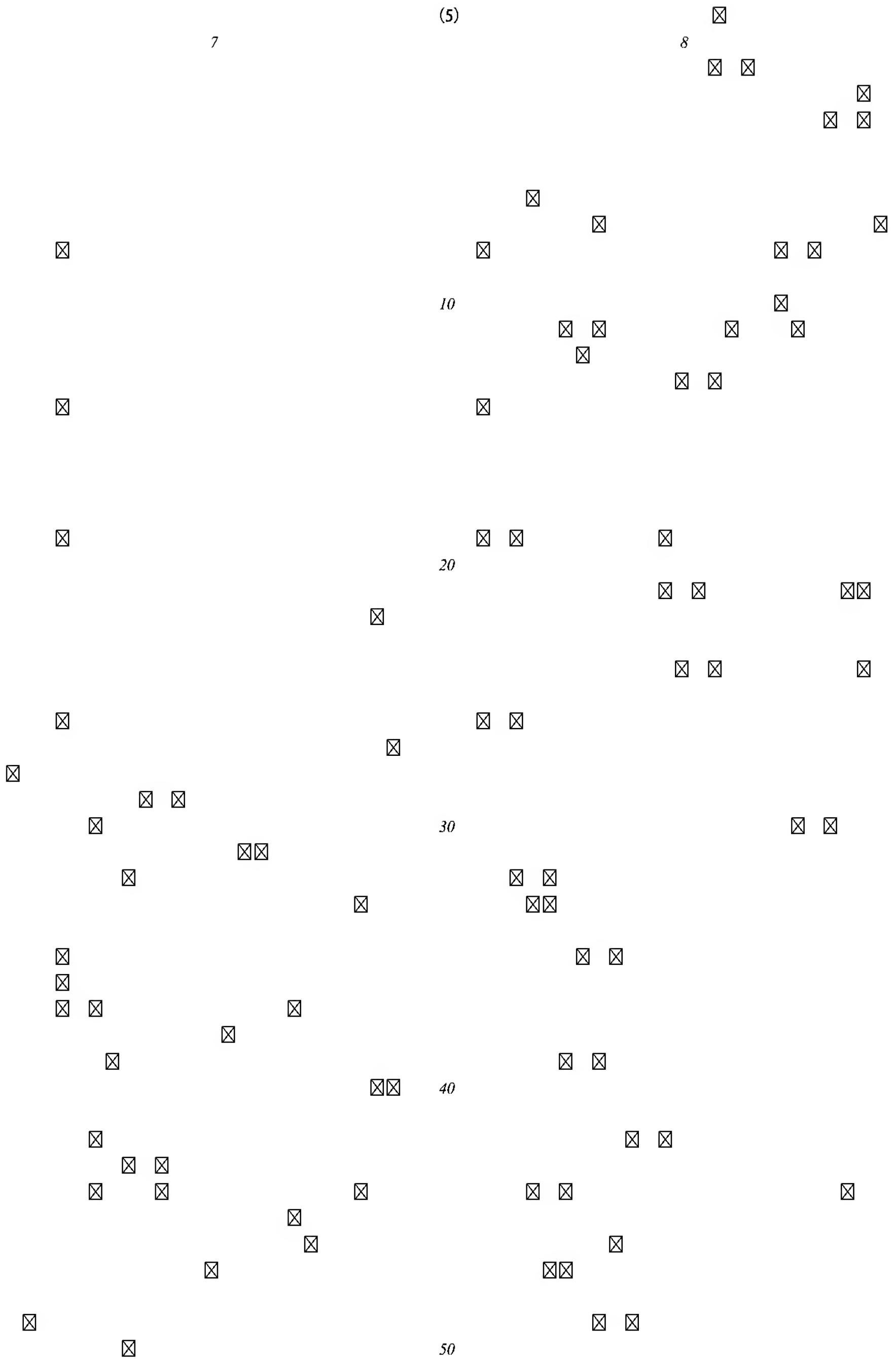
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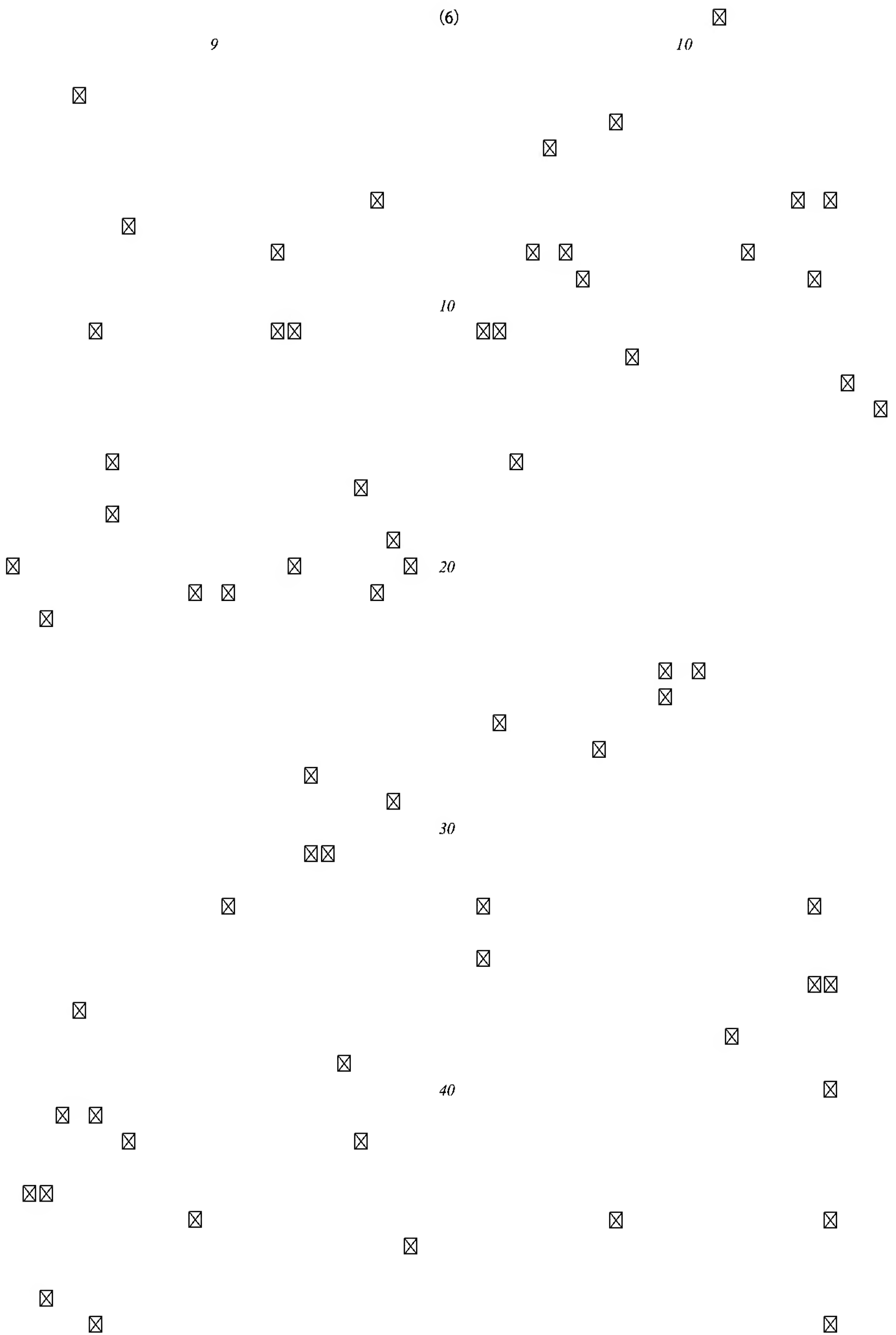
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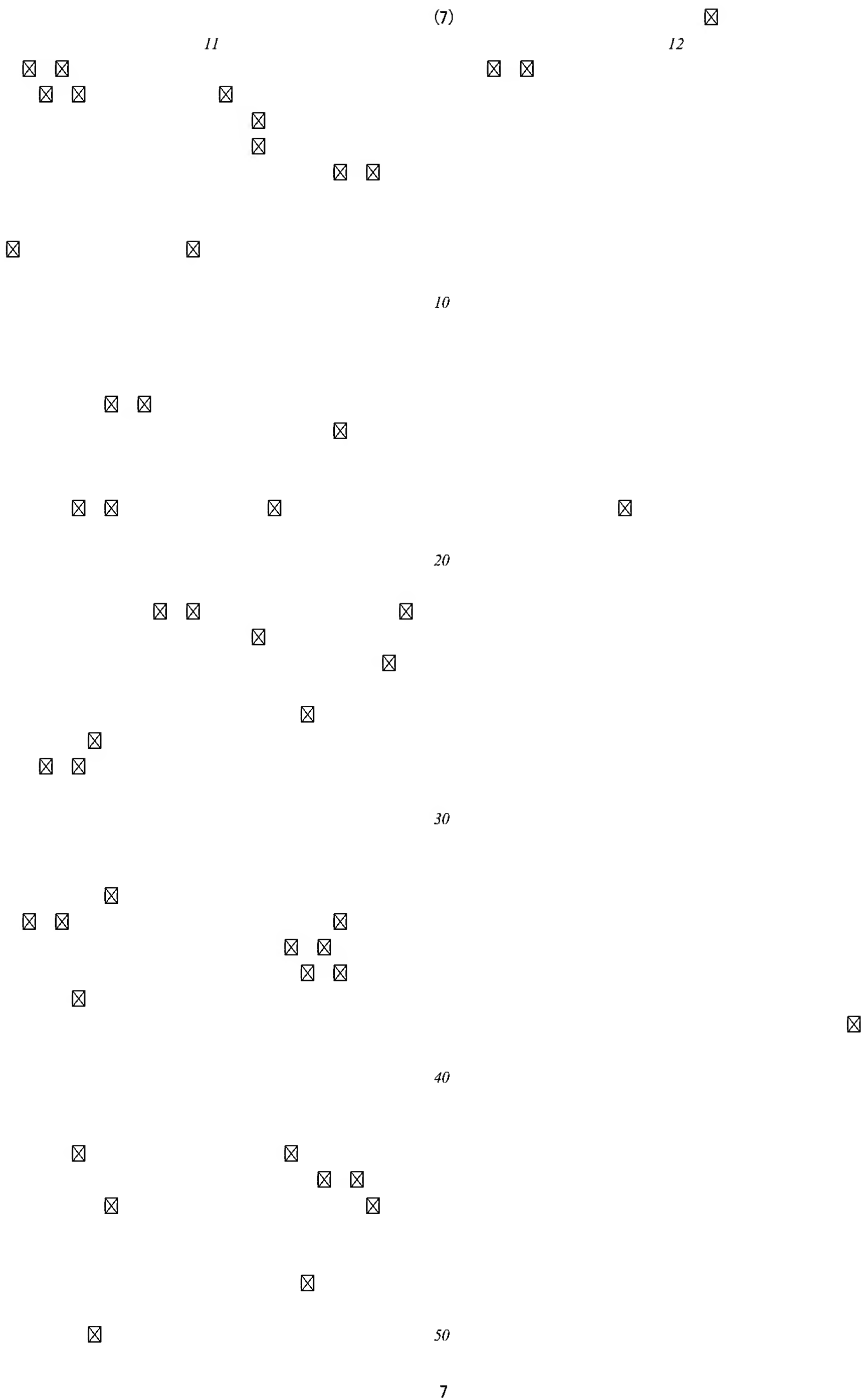
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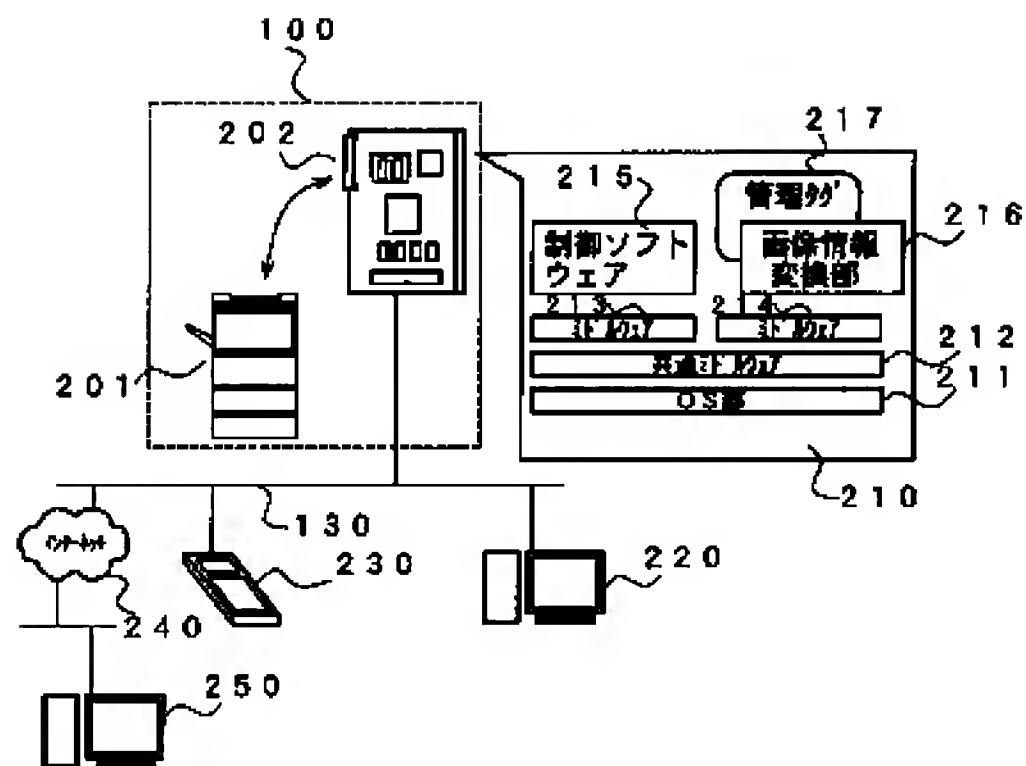
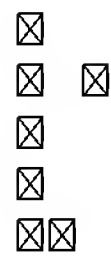


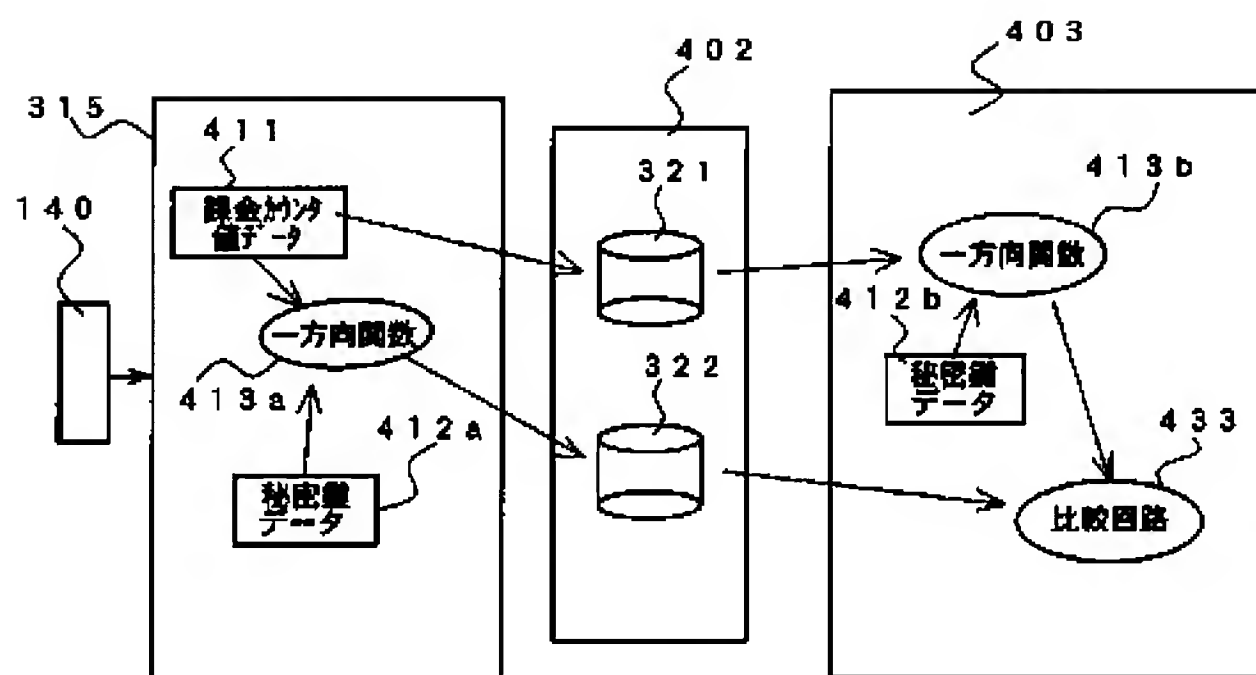
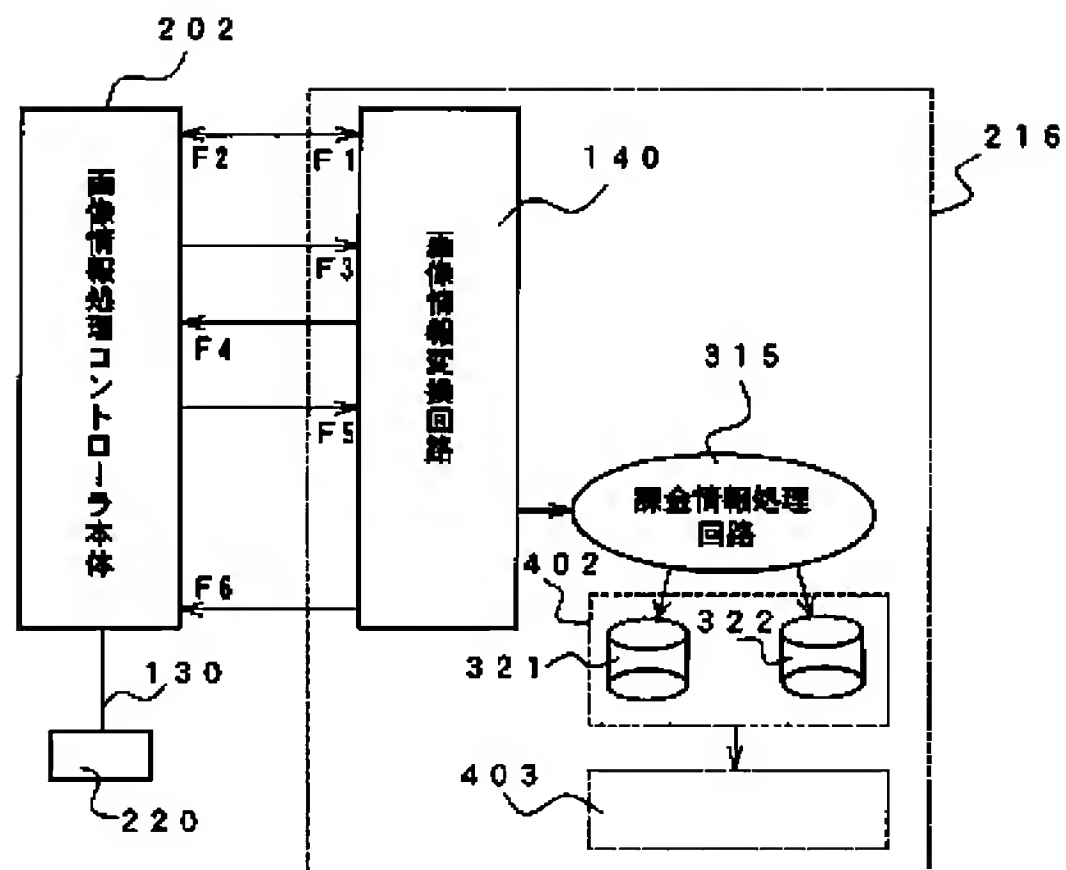


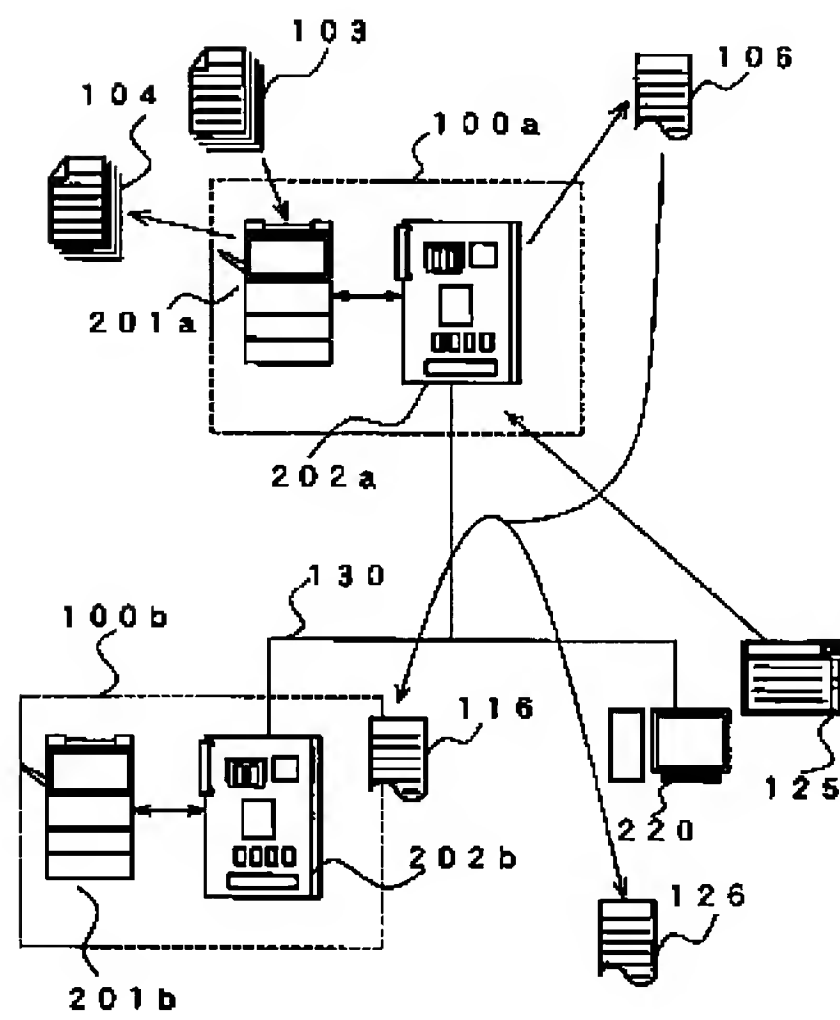
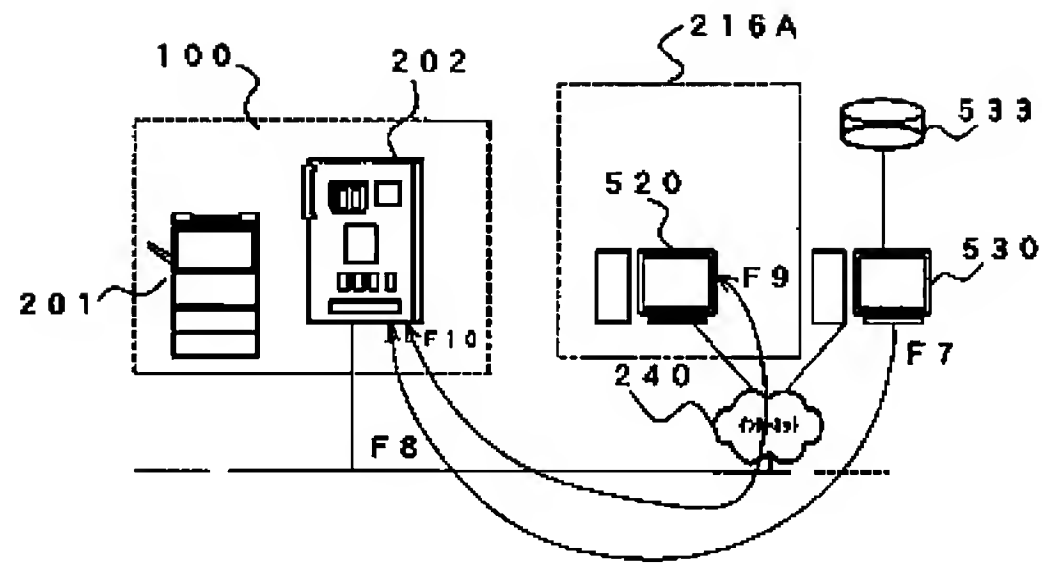
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5C062 AA05 AA13 AA29 AA35 AB17
AB21 AB38 AB40 AB41 AC02
AC03 AC24 AC35 AE01 AF00
AF08 AF14 BD00
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BC23 BD02 BD03 BD08 BD09
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